

Title (en)
BICYCLE CHAIN RINGS WITH RAMPS

Title (de)
FAHRRADKETTENRINGE MIT RAMPEN

Title (fr)
PLATEAUX DE BICYCLETTE À RAMPES

Publication
EP 2334955 A4 20120118 (EN)

Application
EP 09814912 A 20090918

Priority
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• US 28433908 A 20080918

Abstract (en)
[origin: US2009111631A1] Embodiments of the present invention include bicycle chain rings for bicycles having specially shaped ramps, tapers and profiled teeth for improved shifting performance. Additional embodiments of the bicycle chain rings of the present invention may be configured with one or more additional features formed within the chain rings including a transition slide, a tapered ramp face, a ramp bridge, a ramp lead, a trailing transition slide and a wear pin.

IPC 8 full level
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CPC (source: EP US)
B62M 9/105 (2013.01 - EP US); **B62M 9/12** (2013.01 - US); **F16H 55/08** (2013.01 - US); **F16H 55/303** (2013.01 - US)

Citation (search report)
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• [XI] US 5738603 A 19980414 - SCHMIDT FRANK [DE], et al
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• [A] EP 0671316 A1 19950913 - IND TECH RES INST [TW]
• See references of WO 2010033243A1

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